

ABSTRACT OF THE DISCLOSURE

An error correction apparatus includes a receiving section that receives a signal. An amplifier section amplifies the signal received by the receiving section.

5 An automatic gain control section generates a control signal and controls the gain of the amplifier section based on the generated control signal so as to maintain the amplified received signal at a predetermined level.

10 A turbo decoder is configured to execute an error correction process on the received signal to thereby output a decoding result of the executed received signal, based on the generated control signal.